

SYSTEM AND METHOD FOR COMMUNICATING TELECOMMUNICATION  
INFORMATION BETWEEN CUSTOMER PREMISES EQUIPMENT AND  
NETWORK EQUIPMENT

ABSTRACT OF THE DISCLOSURE

A system for providing lifeline telecommunication service includes a gateway, an analog signal service module, and an integrated access device. The gateway receives telecommunication information from a telecommunication switch and generates data packets for communicating the telecommunication information. The analog signal service module is remotely coupled to the gateway. The analog signal service module may receive the data packets from the gateway and generate a first analog telephone signal for communicating the telecommunication information over a local loop circuit. Coupled to the local loop circuit, the integrated access device may receive the first analog telephone signal from the analog signal service module and communicate the first analog telephone signal to a subscriber line in a first mode of operation. The integrated access device also may receive the data packets from the gateway, process the data packets to generate a second analog telephone signal communicating the telecommunication information, and communicate the second analog telephone signal to the subscriber line in a second mode of operation.